

Datasheet JTF-3 W

Articlenumber: E6090065

Frost protection thermostat, capillary length 1.8m, internal setting

For protecting hot water heating registers against freezing. The device is intrinsically safe and has a sealable setpoint adjustment. For temperature measurement of non-aggressive gases in the duct, use the SW-200-12 thermowell, for temperature measurement in non-aggressive fluids use the TH-140 thermowell, in aggressive fluids use the NTH-140 thermowell. Mounting clamps, thermowells and protective coils are not included in the scope of delivery and must be ordered separately.



Ambient temperature	?10 ... 55 °C
Bearing temperature	-10 ... 55 °C
Capillary length	1.8 m
Colour	Grey
Contact interlocking	No
Control range	-10 ... 12 °C
Cooling control function	Yes
Degree of contamination	2
Device version	Surface-mounted unit
Diameter sensor element	9.5 mm
Dimensions (W x H x D)	120 mm x 200 mm x 75 mm
Electric connection	Screw terminals
Electronic control	No
External setting	No
Function type (systems engineering)	TW
Heating control function	Yes
Housing material	Plastic

Internal setting	Yes
Length of sensor	76 mm
Max. air humidity (non-condensing)	95 % r.H.
Max. Sensor temperature	200 °C
Max. switching current	15 (8) A
Max. switching voltage	230 VAC, 50 Hz
Medium	Air
Min. switching current	150 mA
Min. switching voltage	24 VAC, 50 Hz
Montage/Befestigung	Wall mounting
Number of control ranges	1
Number of outputs	2
Output signal	Switching
Potential free switching contact	Yes
Protection class	I
Rated impulse voltage	4000 V
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Sensor element	Capillary tube
Sensor material	Cu
Surface finish	Matt
Switching contact	Two-way contact
Switching difference, can be adjusted	No
Switching differential	Heating/cooling: 1 K
Switching element	Microswitch
Switching power	3450 W
With explosion protection	No

